



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
178-312 PCT/US

SERIAL NO.  
10/519,534

APPLICANT  
Brown et al.

CONFIRMATION NO.  
Unassigned

FILING DATE  
December 27, 2004

GROUP  
Unassigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/		1.	Brown, David L., et al., "Clinical and Biochemical Results of the Metalloproteinase Inhibition with Subantimicrobial Doses of Doxycycline to Prevent Acute Coronary Syndromes (MIDAS) Pilot Trial", <i>Arteriosclerosis, Thrombosis and Vascular Biology</i> 2004, 24(4):733-738.
/GH/		2.	Brown, D.L., et al., "Effect of Sub-antimicrobial Doxycycline on Biomarkers in Patients with Acute Coronary Syndromes", <i>J. Dent. Res.</i> 2003, 82 (Special Issue): 1443.
/GH/		3.	Golub, L.M., et al., "Sub-Antimicrobial Doxycycline (SDD) Reduces Biomarkers of Inflammation in Acute Coronary Syndromes (ACS) and Periodontitis Patients", <i>Inflammation Research</i> July 2003, 52(Supplement 2):S157.

201599\_1

EXAMINER

/Gigi Huang/

DATE CONSIDERED

05/10/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.



FORM PTO-1449 (2005-09) DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 178-312 PCT/US	SERIAL NO. 10/519,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brown et al.	CONFIRMATION NO. Unassigned
(Use several sheets if necessary)		FILING DATE December 27, 2004	GROUP Unassigned

### U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/GH/		5,834,449	11/10/1998	Thompson et al.			

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/		Taubes, Gary, "Does Inflammation Cut to the Heart of the Matter?," <i>Science</i> (2002) 296: 11-14.
/GH/		Gurfinkel, E., et al. "Treatment with the Antibiotic Roxithromycin in Patients with Acute non-Q-wave Coronary Syndromes. The Final Report of ROXIS study," <i>European Heart Journal</i> (1999) 20(2): 121-127.
/GH/		Mosorin M., et al. "Use of Doxycycline to Decrease the Growth Rate of Abdominal Aortic Aneurysms: a Randomized, Double-Blind, Placebo-Controlled Pilot Study," <i>Journal of Vascular Surgery</i> (2001) 34(4): 757-758.

/Gigi Huang/

EXAMINER

DATE CONSIDERED

05/10/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 178-312 PCT/US	SERIAL NO. 10/519,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brown et al.	CONFIRMATION NO. Unassigned
(Use several sheets if necessary)		FILING DATE December 27, 2004	GROUP Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/		Gupta, Sandeep, et al., "Elevated <i>Chlamydia pneumoniae</i> Antibodies, Cardiovascular Events, and Azithromycin in Male Survivors of Myocardial Infarction," <i>Circulation</i> (1997) 96: 404-407.
/GH/		Lusis, Aldons J., "Atherosclerosis," <i>Nature</i> (2000) 407:233-241.
/GH/		Meler CR, et al., "Antibiotic Use and Risk of Myocardial Infarction," <i>JAMA</i> (1999) 282(21): 1997-1998.

EXAMINER	/Gigi Huang/	DATE CONSIDERED	05/10/2007
----------	--------------	-----------------	------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 178-312 PCT/US	SERIAL NO. 10/519,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brown et al.	CONFIRMATION NO. Unassigned
(Use several sheets if necessary)		FILING DATE December 27, 2004	GROUP Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/		Takeshita, Satoshi, et al. "Modulation of Oxidative Burst of Neutrophils by Doxycycline in Patients with Acute Myocardial Infarction," <i>Journal of Antimicrobial Chemotherapy</i> (2002) 49: 411-413.					
/GH/		Creemers, Esther E.J.M., et al., "Matrix Metalloproteinase Inhibition After Myocardial Infarction," <i>Circulation Research</i> (2001) 89: 201-210.					
/GH/		Meier, Christoph R., et al., "Antibiotics and Risk of Subsequent First-time Acute Myocardial Infarction," <i>JAMA</i> (1999) 281(5): 427-431.					

EXAMINER

/Gigi Huang/

DATE CONSIDERED

05/10/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 178-312 PCT/US	SERIAL NO. 10/519,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brown et al.	CONFIRMATION NO. Unassigned
(Use several sheets if necessary)		FILING DATE December 27, 2004	GROUP Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/		Ridker, Paul M., et al., "Long-Term Effects of Pravastatin on Plasma Concentration of C-reactive Protein," <i>Circulation</i> (1999) 100: 230-235.
/GH/		Brown, David L., et al., "Clinical and Biochemical Results of the Metalloproteinase Inhibition With Low-dose Doxycycline to Prevent Acute Coronary Syndromes (Midas) Pilot Trial," <i>American Heart Association</i> (2001).
/GH/		Libby, Peter, "Atherosclerosis: The New View," <i>Scientific American</i> (2002) 48-55.

EXAMINER /Gigi Huang/ DATE CONSIDERED 05/10/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 178-312 PCT/US	SERIAL NO. 10/519,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brown et al.	CONFIRMATION NO. Unassigned
(Use several sheets if necessary)		FILING DATE December 27, 2004	GROUP Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/GH/			Kloppenburg, M., et al., "Minocycline in Active Rheumatoid Arthritis," <i>Annals of the New York Academy of Sciences</i> (1994) 732: 422-423.				
------	--	--	--	--	--	--	--

200178

EXAMINER	/Gigi Huang/	DATE CONSIDERED	05/10/2007
----------	--------------	-----------------	------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.